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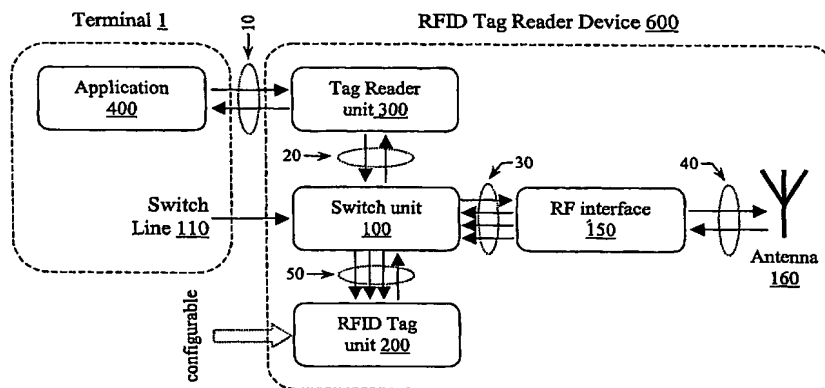
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(54) Title: READER DEVICE FOR RADIO FREQUENCY IDENTIFICATION TRANSPONDER WITH TRANSPONDER FUNCTIONALITY



(57) Abstract: The present invention relates to a reader device for radio frequency identification transponders, which implements enhanced radio frequency identification transponder functionality. In particular, the present invention relates a reader device, which is capable to serve as a radio frequency identification transponder. A reader device for radio frequency identification transponders comprises a reader logic unit (300, 310), a radio/high frequency (RF/HF) interface (150) and an antenna (160). The reader device is adapted to communicate at least with radio frequency identification transponders (700) in a reader operation mode. The reader device comprises additionally a transponder logic unit (200, 210, 510). The transponder logic unit (200, 210, 510) is connected to the reader device (600) and in particular to the radio/high frequency (RF/HF) interface (150) such that the reader device (600) acts as a radio frequency identification transponder (700) in a transponder operation mode. In particular, the transponder logic unit (200, 210, 510) is adapted to communicate with other reader devices for radio frequency identification transponders. The reader device for radio frequency identification transponders can be attached, connected, implemented and/or embedded in electronic device and particularly portable electronic devices, respectively.



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